

***Hybognathus regius* (Eastern Silvery Minnow)****Priority 3 Species of Greatest Conservation Need (SGCN)****Class:** *Actinopterygii* (Ray-finned Fishes)**Order:** *Cypriniformes* (Carps, Minnows, Loaches And Allies)**Family:** *Cyprinidae* (Carps And Minnows)**General comments:** none**Species Conservation Range Maps for Eastern Silvery Minnow:**Town Map: [Hybognathus regius Towns.pdf](#)Subwatershed Map: [Hybognathus regius HUC12.pdf](#)**SGCN Priority Ranking - Designation Criteria:****Risk of Extirpation:** NA**State Special Concern or NMFS Species of Concern:** NA**Recent Significant Declines:** NA**Regional Endemic:** NA**High Regional Conservation Priority:** NA**High Climate Change Vulnerability:** NA**Understudied rare taxa:**

Recently documented or poorly surveyed rare species for which risk of extirpation is potentially high (e.g. few known occurrences) but insufficient data exist to conclusively assess distribution and status. \*criteria only qualifies for Priority 3 level SGCN\*

**Notes:**

historical confusion with another species (emerald shiner - non-native); poor understanding of species status; SC in MA

**Historical:** NA**Culturally Significant:** NA**Habitats Assigned to Eastern Silvery Minnow:**

Formation Name	Freshwater Aquatic
Macrogroup Name	Rivers and Streams

**Stressors Assigned to Eastern Silvery Minnow:**

No Stressors Currently Assigned to Eastern Silvery Minnow or other Priority 3 SGCN.

**Species Level Conservation Actions Assigned to Eastern Silvery Minnow:**

No Species Specific Conservation Actions Currently Assigned to Eastern Silvery Minnow or other Priority 3 SGCN.

**Conservation Actions Associated with the Rare Minnows Guild:**

Conservation Action	Category:	Biological Priority:	Type:
Determine population abundance, habitat use, size and age structure and interaction with other fish species in representative waters	Research	critical	new

**Stressor(s) Addressed By This Conservation Action**

Habitat Shifting or Alteration, Lack of knowledge

Conservation Action	Category:	Biological Priority:	Type:
Develop a robust, reliable method to assess population trends, habitat associations, and geographic distribution.	Research	critical	new

**Stressor(s) Addressed By This Conservation Action**

Lack of knowledge

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Determine susceptibility and risks associated with certain disease scenarios

**Stressor(s) Addressed By This Conservation Action**

Invasive Non-native-Alien Species-Diseases, Viral-Prion-induced Diseases, Diseases of Unknown Cause, Problematic Species-Diseases of Unknown Origin, Lack of knowledge

**Broad Taxonomic Group Conservation Actions:**

Additional relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-1.

**Habitat Based Conservation Actions:**

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

*The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.*